**Twitter Trend Summarizer – TweetLyze**

**DISSERTATION**

Submitted in partial fulfillment of the requirements of the

MS Software Engineering Degree programme

By

**NISCHAL HP**

**2010HS70022**

Under the Supervision of

**Dr. Ashok Veilumuthu**

Senior Researcher

Dissertation work carried out at

SAP-Labs, Bangalore



BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE

Pilani (Rajasthan) INDIA

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CERTIFICATE

This is to certify that the Dissertation entitled **Twitter Trend Summarizer – TweetLyze**

submitted by **Mr.Nischal HP**, IDNo.**2010HS70022** in partial fulfillment of the requirements of SESAP ZG629T Dissertation, embodies the work done by her under my supervision.

Place: Bangalore Signature of the Supervisor

Date: Name: **Dr.Ashok Veilumuthu**

Designation: Senior Researcher

**ACKNOWLEDGEMENT**

I have taken a lot of efforts to build this project. However, it would not have been possible without the kind support and help of many individuals and I would like to extend my sincere thanks to all of them.

I am highly thankful to my mentor **Dr. Ashok Veilumuthu** for his guidance and constant supervision as well as for providing necessary information regarding the project & also for his support in completing the project.

I would like to specially thank my batch mates **Raghotham. S** and **Shrayas Rajagopal** for pitching in every time I had a problem and helping me solve them leading to the progress and completion of my project.

I would like to express my special gratitude and thanks to **Mr. Ajit Joshi** for giving me such attention and time.

I would like to express my special gratitude and thanks to SAP Labs Pvt Ltd, Bangalore for providing all the necessary infrastructure, software and great support for accomplishing this project.

I would like to express my gratitude towards **my family** for their kind co-operation and encouragement which helped me in completion of this project.

I am highly thankful to the **Vocational Training Team** here at SAP Labs Pvt Ltd, Bangalore for providing the opportunity to be a part of the wonderful scholar program.

Last but not least a special thanks to **Birla Institute of Technology** for opening a door to complete my post-graduation.

**Nischal HP**

**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE, PILANI**

**SECOND SEMESTER 2013-2014**

**SESAP ZG629T DISSERTATION**

Dissertation Title : **Twitter Trend Summarizer - TweetLyze**

Name of Supervisor : **Dr. Ashok Veilumuthu**

Name of Student : **Nischal HP**

ID No. of Student : **2010HS70022**

## Abstract

*“Twitter Trend Summarizer - TweetLyze”*

When a lot of tweets are talking about one thing in particular, then they get categorized into trends. And each trend has millions of tweets associated to it and at any given point it is very hard to understand what the trend is actually talking about.

So the idea here was to build a summarizer that would let people understand what the trends meant, thereby helping people to make business decision based on the trends.

Social Media analytics is now being widely used to understand people across the world and help companies make better business decisions and devise new strategies.

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Introduction

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